

METHOD AND SYSTEM TO TREAT AND PREVENT MYOCARDIAL  
INFARCT EXPANSION

ABSTRACT

A method and apparatus for prevention and reduction of myocardial infarct expansion and heart remodeling by infusion of fluid into the pericardial space of the heart to create a hydraulic heart constraint. As a result of the constraint ventricular stress and dilation is reduced. Pressure in the pericardial sac is maintained at a safe level for the duration of treatment. Apparatus consists of a catheter and a fluid infusion system.